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1 [Eddies: continuously adaptive query processing](#)

Ron Avnur, Joseph M. Hellerstein

May 2000 **ACM SIGMOD Record , Proceedings of the 2000 ACM SIGMOD international conference on Management of data**, Volume 29 Issue 2

Full text available: [pdf\(767.66 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



In large federated and shared-nothing databases, resources can exhibit widely fluctuating characteristics. Assumptions made at the time a query is submitted will rarely hold throughout the duration of query processing. As a result, traditional static query optimization and execution techniques are ineffective in these environments.

In this paper we introduce a query processing mechanism called an *eddy*, which continuously reorders operators in a query plan as it runs. We charact ...

2 [The state of the art in distributed query processing](#)

Donald Kossmann

December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4

Full text available: [pdf\(455.39 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Distributed data processing is becoming a reality. Businesses want to do it for many reasons, and they often must do it in order to stay competitive. While much of the infrastructure for distributed data processing is already there (e.g., modern network technology), a number of issues make distributed data processing still a complex undertaking: (1) distributed systems can become very large, involving thousands of heterogeneous sites including PCs and mainframe server machines; (2) the stat ...

Keywords: caching, client-server databases, database application systems, dissemination-based information systems, economic models for query processing, middleware, multitier architectures, query execution, query optimization, replication, wrappers

3 [Operations for programming in the all](#)

Nazim H. Madhavji

August 1985 **Proceedings of the 8th international conference on Software engineering**

Full text available: [pdf\(986.54 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



A primary goal of Software Engineering is to improve the process of software development. It is being recognised that recent integrated programming environments have made significant progress towards this aim. This paper describes new operations, suitable for such environments, which are applicable in a much wider scope of programming, termed here as programming in the all. Development of software in this new scope is carried out incrementally in program fragments of various types, called f ...

4 On saying "Enough already!" in SQL

Michael J. Carey, Donald Kossmann

June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data**, Volume 26 Issue 2

Full text available:  pdf(1.57 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we study a simple SQL extension that enables query writers to explicitly limit the cardinality of a query result. We examine its impact on the query optimization and run-time execution components of a relational DBMS, presenting two approaches—a Conservative approach and an Aggressive approach—to exploiting cardinality limits in relational query plans. Results obtained from an empirical study conducted using DB2 demonstrate the benefits of the SQL extensio ...

5 Special issue on prototypes of deductive database systems: The aditi deductive database system

Jayen Vaghani, Kotagiri Ramamohanarao, David B. Kemp, Zoltan Somogyi, Peter J. Stuckey, Tim S. Leask, James Harland

April 1994 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 3 Issue 2

Full text available:  pdf(2.67 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Deductive databases generalize relational databases by providing support for recursive views and non-atomic data. Aditi is a deductive system based on the client-server model; it is inherently multi-user and capable of exploiting parallelism on shared-memory multiprocessors. The back-end uses relational technology for efficiency in the management of disk-based data and uses optimization algorithms especially developed for the bottom-up evaluation of logical queries involving recursion. The front ...

Keywords: implementation, logic, multi-user, parallelism, relational database

6 Advanced data processing in KRISYS: modeling concepts, implementation techniques, and client/server issues

Stefan DeBloch, Theo Härdter, Nelson Mattos, Bernhard Mitschang, Joachim Thomas

May 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 2

Full text available:  pdf(210.27 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The increasing power of modern computers is steadily opening up new application domains for advanced data processing such as engineering and knowledge-based applications. To meet their requirements, concepts for advanced data management have been investigated during the last decade, especially in the field of object orientation. Over the last couple of years, the database group at the University of Kaiserslautern has been developing such an advanced database system, the KRISYS prototype. In this ...

Keywords: Client/server architectures, Consistency control, Object-oriented modeling concepts, Query processing, Run-time optimization

7 Human-computer interface development: concepts and systems for its management

H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1Full text available:  pdf(7.97 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Human-computer interface management, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

8 The design and implementation of hierarchical software systems with reusable components

Don Batory, Sean O'Malley

October 1992 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 1 Issue 4Full text available:  pdf(3.15 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present a domain-independent model of hierarchical software system design and construction that is based on interchangeable software components and large-scale reuse. The model unifies the conceptualizations of two independent projects, Genesis and Avoca, that are successful examples of software component/building-block technologies and domain modeling. Building-block technologies exploit large-scale reuse, rely on open architecture software, and elevate the granularity of programming to ...

Keywords: domain modeling, open system architectures, reuse, software building-blocks, software design

9 Predictive engineering models based on the EPIC architecture for a multimodal high-performance human-computer interaction task

David E. Kieras, Scott D. Wood, David E. Meyer

September 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue 3Full text available:  pdf(368.70 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Engineering models of human performance permit some aspects of usability of interface designs to be predicted from an analysis of the task, and thus they can replace to some extent expensive user-testing data. We successfully predicted human performance in telephone operator tasks with engineering models constructed in the EPIC (Executive Process-Interactive Control) architecture for human information processing, which is especially suited ...

Keywords: cognitive models, usability engineering

10 Pen computing: a technology overview and a vision

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3Full text available:  pdf(5.14 MB)Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in

the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

11 Decentralised control flow - based on UNIX

Isabel Gouveia Lima, Richard Hopkins, Lindsay Marshall, David Mundy, Philip Treleaven
 June 1983 **Proceedings of the 1983 ACM SIGPLAN symposium on Programming language issues in software systems**

Full text available: [!\[\]\(e78f798d4ea5c530c9db49e7d26e6b95_img.jpg\) pdf\(779.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the computing science community there is a growing belief that the traditional von Neumann programming model will be superceded in the 1990's by a new decentralised programming model. Various "revolutionary" approaches are being promoted: data flow, reduction, actor and logic models. We propose an alternative "evolutionary" approach, namely a decentralised control flow model. This model, a generalisation of the von Neumann model, can already be recognised as provi ...

12 E-services: a look behind the curtain

Richard Hull, Michael Benedikt, Vassilis Christophides, Jianwen Su
 June 2003 **Proceedings of the twenty-second ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

Full text available: [!\[\]\(05be7c7a8995decd503647c99211f7c2_img.jpg\) pdf\(269.51 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The emerging paradigm of electronic services promises to bring to distributed computation and services the flexibility that the web has brought to the sharing of documents. An understanding of fundamental properties of e-service composition is required in order to take full advantage of the paradigm. This paper examines proposals and standards for e-services from the perspectives of XML, data management, workflow, and process models. Key areas for study are identified, including behavioral servi ...

13 Continuous program optimization: A case study

Thomas Kistler, Michael Franz
 July 2003 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 25 Issue 4

Full text available: [!\[\]\(fe3aebe81acea8d45108cd2768939da7_img.jpg\) pdf\(877.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Much of the software in everyday operation is not making optimal use of the hardware on which it actually runs. Among the reasons for this discrepancy are hardware/software mismatches, modularization overheads introduced by software engineering considerations, and the inability of systems to adapt to users' behaviors. A solution to these problems is to delay code generation until load time. This is the earliest point at which a piece of software can be fine-tuned to the actual capabilities of the ...

Keywords: Dynamic code generation, continuous program optimization, dynamic reoptimization

14 Constraint-based tools for building user interfaces

Alan Borning, Robert Duisberg
 October 1986 **ACM Transactions on Graphics (TOG)**, Volume 5 Issue 4

Full text available: [!\[\]\(c1168d6a8b365d11e842ece304635fa7_img.jpg\) pdf\(2.31 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A constraint describes a relation that must be maintained. Constraints provide a useful mechanism to aid in the construction of interactive graphical user interfaces. They can be

used to maintain consistency between data and a view of the data, to maintain consistency among multiple views, to specify layout, and to specify relations between events and responses for describing animations of interactive systems and event-driven simulations. Object-oriented techniques for constraint representa ...

15 Using threads in interactive systems: a case study

Carl Hauser, Christian Jacobi, Marvin Theimer, Brent Welch, Mark Weiser

December 1993 **ACM SIGOPS Operating Systems Review , Proceedings of the fourteenth ACM symposium on Operating systems principles**, Volume 27 Issue 5

Full text available:  pdf(1.44 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe the results of examining two large research and commercial systems for the ways that they use threads. We used three methods: analysis of macroscopic thread statistics, analysis the microsecond spacing between thread events, and reading the implementation code. We identify ten different paradigms of thread usage: *defer work, general pumps, slack processes, sleepers, one-shots, deadlock avoidance, rejuvenation, serializers, encapsulated fork and exploiting parallelism*. While so ...

16 Database performance in the real world: TPC-D and SAP R/3

Joachen Doppelhammer, Thomas Höppler, Alfons Kemper, Donald Kossmann

June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data**, Volume 26 Issue 2

Full text available:  pdf(1.54 MB)

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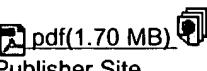
Traditionally, database systems have been evaluated in isolation on the basis of standardized benchmarks (e.g., Wisconsin, TPC-C, TPC-D). We argue that very often such a performance analysis does not reflect the actual use of the DBMSs in the "real world." End users typically don't access a stand-alone database system; rather they use a comprehensive application system, in which the database system constitutes an integrated component. In order to derive performance evalu ...

17 Time management, simultaneity and time-critical computation in interactive unsteady visualization environments

Steve Bryson, Sandy Johan

October 1996 **Proceedings of the 7th conference on Visualization '96**

Full text available:



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18 Relational Data-Base Management Systems

Donald D. Chamberlin

January 1976 **ACM Computing Surveys (CSUR)**, Volume 8 Issue 1

Full text available:  pdf(4.70 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

19 Addressing the system-on-a-chip interconnect woes through communication-based design

M. Sgroi, M. Sheets, A. Mihal, K. Keutzer, S. Malik, J. Rabaey, A. Sangiovanni-Vincentelli

June 2001 **Proceedings of the 38th conference on Design automation**

Full text available:  pdf(180.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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Communication-based design represents a formal method approach to of system-on-a-chip design that considers communication between components as important as the computations they perform. "Our network-on-chip&rdquo ; approach partitions the communication into layers to maximize reuse and provide a programmer with an abstraction of the underlying communication framework. This layered approach is cast in the structure advocated by the OSI Reference network model and is demonstrated with ...

Keywords: communication-based design, network-on-chip, platform-based design, protocol stack

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Relevance scale

1 [StorHouse metanoia - new applications for database, storage & data warehousing](#)



Felipe Cariño, Pekka Kostamaa, Art Kaufmann, John Burgess

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data**, Volume 30 Issue 2

Full text available: [pdf\(597.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes the StorHouse/Relational Manager (RM) database system that uses and exploits an *active storage hierarchy*. By active storage hierarchy, we mean that StorHouse/RM executes SQL queries *directly* against data stored on all hierarchical storage (i.e. disk, optical, and tape) without post processing a file or a DBA having to manage a data set. We describe and analyze StorHouse/RM features and internals. We also describe how StorHouse/RM differs from traditional HSM ...

2 [Cost-based optimization of decision support queries using transient-views](#)



Subbu N. Subramanian, Shivakumar Venkataraman

June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2

Full text available: [pdf\(1.58 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Next generation decision support applications, besides being capable of processing huge amounts of data, require the ability to integrate and reason over data from multiple, heterogeneous data sources. Often, these data sources differ in a variety of aspects such as their data models, the query languages they support, and their network protocols. Also, typically they are spread over a wide geographical area. The cost of processing decision support queries in such a setting is quite high. Ho ...

3 [Extending OLAP querying to external object databases](#)



Torben Bach Pedersen, Arie Shoshani, Junmin Gu, Christian S. Jensen

November 2000 **Proceedings of the ninth international conference on Information and knowledge management**

Full text available: [pdf\(168.32 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [The IBM data warehouse architecture](#)



Charles Bontempo, George Zagelow

September 1998 **Communications of the ACM**, Volume 41 Issue 9

Full text available: [pdf\(817.29 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

5 Leveraging the information asset

Janet Perna

May 1995 **ACM SIGMOD Record , Proceedings of the 1995 ACM SIGMOD international conference on Management of data**, Volume 24 Issue 2

Full text available: [pdf\(267.25 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Data is a corporate asset, and being able to derive more information from data can provide database users with a competitive advantage. For example, catching on to trends quickly can reduce unwanted store inventory and lower capital outlay for the same profit. If you have store sales data by product analyzed on a daily basis, that can make a 2-3% difference in margin -- and in a business where margins might be 4%, this is a significant competitive edge. This paper will cover what technology is n ...

6 Industrial sessions: middle-tier caching: Middle-tier database caching for e-business

Qiong Luo, Sailesh Krishnamurthy, C. Mohan, Hamid Pirahesh, Honguk Woo, Bruce G. Lindsay, Jeffrey F. Naughton

June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**

Full text available: [pdf\(1.20 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

While scaling up to the enormous and growing Internet population with unpredictable usage patterns, E-commerce applications face severe challenges in cost and manageability, especially for database servers that are deployed as those applications' backends in a multi-tier configuration. Middle-tier database caching is one solution to this problem. In this paper, we present a simple extension to the existing federated features in DB2 UDB, which enables a regular DB2 instance to become a DBCache wi ...

7 SchemaSQL: An extension to SQL for multidatabase interoperability

Laks V. S. Lakshmanan, Fereidoon Sadri, Subbu N. Subramanian

December 2001 **ACM Transactions on Database Systems (TODS)**, Volume 26 Issue 4

Full text available: [pdf\(435.89 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

We provide a principled extension of SQL, called *SchemaSQL*, that offers the capability of uniform manipulation of data and schema in relational multidatabase systems. We develop a precise syntax and semantics of *SchemaSQL* in a manner that extends traditional SQL syntax and semantics, and demonstrate the following. (1) *SchemaSQL* retains the flavor of SQL while supporting querying of both data and schema. (2) It can be used to transform data in a database in a structure substa ...

Keywords: Information integration, SchemaSQL, multidatabase systems, restructuring views, schematic heterogeneity

8 An adaptive query execution system for data integration

Zachary G. Ives, Daniela Florescu, Marc Friedman, Alon Levy, Daniel S. Weld

June 1999 **ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on Management of data**, Volume 28 Issue 2

Full text available: [pdf\(1.59 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Query processing in data integration occurs over network-bound, autonomous data sources. This requires extensions to traditional optimization and execution techniques for three

reasons: there is an absence of quality statistics about the data, data transfer rates are unpredictable and bursty, and slow or unavailable data sources can often be replaced by overlapping or mirrored sources. This paper presents the Tukwila data integration system, designed to support adaptivity at its core using ...

9 The intrinsic problems of structural heterogeneity and an approach to their solution

Theo Härdter, Günter Sauter, Joachim Thomas

April 1999 **The VLDB Journal — The International Journal on Very Large Data Bases,**

Volume 8 Issue 1

Full text available: [pdf\(132.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper focuses on the problems that arise when integrating data from heterogeneous sources in a single, unified database view. At first, we give a detailed analysis of the kinds of structural heterogeneity that occur when unified views are derived from different database systems. We present the results in a multiple tier architecture which distinguishes different levels of heterogeneity and relates them to their underlying causes as well as to the mapping conflicts resulting from the view de ...

Keywords: Heterogeneity, Legacy systems, Mapping language, Schema integration, Schema mapping, Updatable views

10 PERF join: an alternative to two-way semijoin and bloomjoin

Zhe Li, Kenneth A. Ross

December 1995 **Proceedings of the fourth international conference on Information and knowledge management**

Full text available: [pdf\(844.73 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

11 Industrial sessions: beyond relational tables: Garlic: a new flavor of federated query processing for DB2

Vanja Josifovski, Peter Schwarz, Laura Haas, Eileen Lin

June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**

Full text available: [pdf\(1.05 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In a large modern enterprise, information is almost inevitably distributed among several database management systems. Despite considerable attention from the research community, relatively few commercial systems have attempted to address this issue. This paper describes new technology that enables clients of IBM's DB2 Universal Database to access the data and specialized computational capabilities of a wide range of non-relational data sources. This technology, based on the Garlic prototype deve ...

12 Tools for integrating and querying web information: The biological integration system

Zoé Lacroix, Omar Boucelma, Mehdi Essid

November 2003 **Proceedings of the fifth ACM international workshop on Web information and data management**

Full text available: [pdf\(264.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The access and exploitation of integrated Web data repositories and applications is critical for life science. Biologists design protocols that typically rely on complex query pipelines accessing various biological Web resources (data sources and tools) to constitute data sets for analysis and mining. Web integration platforms are needed to allow biologists to access, manipulate and analyze electronic biological data. The design of integration architectures to support life science addresses spec ...

Keywords: application integration, bioinformatics, data integration, heterogeneous resources, mediation, web

13 Aggregate predicate support in DBMS

Apostol (Paul) Natsev, Gene Y. C. Fuh, Weidong Chen, Chi-Huang Chiu, Jeffrey S. Vitter
 January 2002 **Australian Computer Science Communications , Proceedings of the thirteenth Australasian conference on Database technologies - Volume 5,**
 Volume 24 Issue 2

Full text available: [pdf\(1.57 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we consider aggregate predicates and their support in database systems. Aggregate predicates are the predicate equivalent to aggregate functions in that they can be used to search for tuples that satisfy some aggregate property over a set of tuples (as opposed to simply computing an aggregate property over a set of tuples). The importance of aggregate predicates is exemplified by many modern applications that require ranked search, or top- k queries. Such queries are the norm ...

Keywords: aggregate predicates, nearest neighbor, query optimization

14 SQL and management of external data

Jim Melton, Jan-Eike Michels, Vanja Josifovski, Krishna Kulkarni, Peter Schwarz, Kathy Zeidenstein
 March 2001 **ACM SIGMOD Record**, Volume 30 Issue 1

Full text available: [pdf\(883.12 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

In late 2000, work was completed on yet another part of the SQL standard [1], to which we introduced our readers in an earlier edition of this column [2]. Although SQL database systems manage an enormous amount of data, it certainly has no monopoly on that task. Tremendous amounts of data remain in ordinary operating system files, in network and hierarchical databases, and in other repositories. The need to query and manipulate that data alongside SQL data continues to grow. Database system vendo ...

15 Practical lessons in supporting large-scale computational science

Ron Musick, Terence Critchlow
 December 1999 **ACM SIGMOD Record**, Volume 28 Issue 4

Full text available: [pdf\(876.49 KB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)

16 DEVise: integrated querying and visual exploration of large datasets

M. Livny, R. Ramakrishnan, K. Beyer, G. Chen, D. Donjerkovic, S. Lawande, J. Myllymaki, K. Wenger
 June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data**, Volume 26 Issue 2

Full text available: [pdf\(1.61 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

DEVise is a data exploration system that allows users to easily develop, browse, and share visual presentation of large tabular datasets (possibly containing or referencing multimedia objects) from several sources. The DEVise framework is being implemented in a tool that has been already successfully applied to a variety of real applications by a number of user groups. Our emphasis is on developing an intuitive yet powerful set of querying and visualization primitives that can be ...

Replication: DB2, Oracle, or Sybase?

Doug Stacey

December 1995 **ACM SIGMOD Record**, Volume 24 Issue 4

Full text available: [!\[\]\(65669ef2a9341eca7c5ba6092e766555_img.jpg\) pdf\(726.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

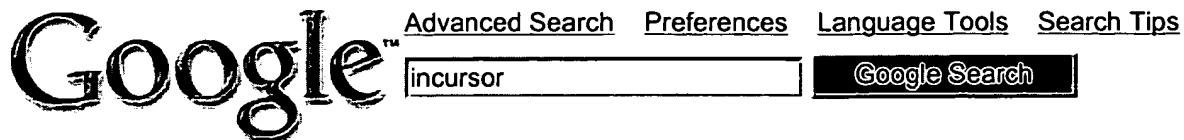
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ZBS { // *MODULE_NAME Telnet Server // *MASTER_FILE 1 ...

... _handler) { // The zocket has just been opened, so reset it // and perform the initial Telnet negotiation handler = _handler; z = _z; inCursor = 0; outCursor ...

www.mine-control.com/zack/code/ztelnetserver.cpp - 14k - [Cached](#) - [Similar pages](#)

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... Gracias a todos los que habéis enviado vuestras sugerencias. Un **IncurSOR** puede adquirir cualquiera de las siguientes modificaciones para vehí- culos. ...

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using the valid clause of a composite **cursor declaration**. The following declaration and code of rule predicates to P2 composite **cursor declarations** translating the actions of rules is
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... the 'real' code gets emitted when you OPEN the **cursor**, ie you should be doing something like: EXEC SQL DECLARE demo_cur CURSOR FOR SELECT field1, field2 FROM ...

[archives.postgresql.org/pgsql-bugs/ 2002-02/msg00116.php](#) - [Similar pages](#)

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... Subject: Re: [SQL] Declare Cursor... Date: Mon, 8 Nov 1999 18:57:04 +0100 (MET). ...
begin work; > **declare cursor_x cursor for select a, b, c, d from ...**
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... query. In OLAP DML, it has the following syntax. **SQL DECLARE cursor-name CURSOR FOR select-statement Cursor name requirements.** A ...

[www.engin.umich.edu/caen/wls/software/ oracle/olap.901/a86720/embedsq7.htm](#) - 15k - [Cached](#) - [Similar pages](#)

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... of the **SELECT. EXEC SQL DECLARE C1 CURSOR FOR SELECT DEPTNO, DEPTNAME, MGRNO FROM DEPARTMENT WHERE ADMRDEPT = 'A00';**. Footnotes: ...

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... If a **DECLARE CURSOR** using Transact-SQL syntax does not specify READ_ONLY, OPTIMISTIC, or SCROLL_LOCKS, the default is as follows: If the **SELECT** statement does ...

[msdn.microsoft.com/library/en-us/ tsqlref/ts_de-dz_31yq.asp](#) - 25k - [Cached](#) - [Similar pages](#)

[IBM UDB: Executing Declare Cursor query on udb db2 version 8 in ...](#)

... abc cursor for select * from emp1 Is it possible to execute this query as below

: String sql= "declare abc cursor for select * from emp1 "; stmt.executeQuery ...

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... Examples. **EXEC SQL DECLARE c1 CURSOR FOR SELECT au_fname, au_lname FROM authors FOR BROWSE;**. See Also. BEGIN DECLARE SECTION. PREPARE. CLOSE. SELECT INTO. FETCH. ...

[doc.ddart.net/mssql/sql2000/html/ esqlforc/ec_6_efc_01_4jle.htm](#) - 6k - [Cached](#) - [Similar pages](#)

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... If the **cursor declaration** contains a **select** statement, the access-clause for the procedure must be **READS SQL DATA** or **MODIFIES SQL DATA**, see **CREATE PROCEDURE**; ...
[developer.mimer.com/documentation/latest_html/ Mimer_SQL_Engine_DocSet/SQL_Statements38.html](#) - 19k - [Cached](#) - [Similar pages](#)

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... of the **SELECT. EXEC SQL DECLARE C1 CURSOR FOR SELECT DEPTNO, DEPTNAME, MGRNO FROM DEPARTMENT WHERE ADMRDEPT = 'A00';** Example 2: Assume ...
[as400bks.rochester.ibm.com/infocenter/db2help/ topic/com.ibm.db2.udb.doc/admin/r0000937.htm](#) - 18k - [Cached](#) - [Similar pages](#)

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... **Cursors** are defined within a **DECLARE** section of a **PL/SQL** block. An example follows :- **DECLARE CURSOR MYCUR IS SELECT ISBN, COST FROM JD11.BOOK;** ...
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